

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In the Patent Application of: Mansky et al.

Serial No. 09/210,485

Group Art Unit: 2857

Filed: December 11, 1998

Examiner: H. Wachsmann

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For: APPARATUS FOR RAPID SENSOR-ARRAY BASED MATERIALS
CHARACTERIZATION

Attorney Docket No.: 1012-001(98-23)

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE

Sir:

In the present case, an Office Action was mailed on September 24, 2002 suggesting that Applicants' Amendment and Response filed February 27, 2002, which was filed in response to an Office Action that was mailed on December 5, 2001, was not fully responsive to the Office Action of December 5, 2001. In response, Applicants submit the present Amendment and Response to address concerns raised by the Office Action mailed September 24, 2002. Therefore, please amend the above-identified application as follows and consider the following remarks:

CLEAN VERSION OF AMENDMENTS

In the specification:

On Page 78, Line 14, please insert the term --Copending-- prior to the term "U.S. Application" such that the clean version of the paragraph reads:

In this example, surface launched acoustic wave sensors can be fabricated on thin silicon nitride or etched silicon membranes 174 similar to those described above. A piezoelectric material 176, such as zinc oxide, is then deposited as a thin layer on top of the membrane to produce an acoustic wave sensing device. The physical dimensions of the electrode, such as its thickness, size, and configuration, can be adjusted so that the electrode

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